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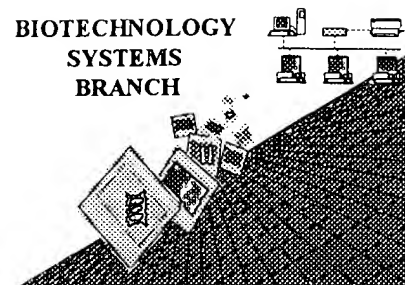
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# RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/332,522

Art Unit / Team No. : 1632

Date Processed by STIC: 1/18/2000

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

Application No.: 09/332,522

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☒ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: \_\_\_\_\_

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☐ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE**

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1632

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/332,522DATE: 01/18/2000  
TIME: 15:27:32

Input Set: I332522.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

Does Not Comply  
Corrected Diskette Needed

1 <110> APPLICANT: M. Costa  
2 S. Doberstein  
3 S. Elson  
4 K. Ferguson  
5 S. Homberger  
6 <120> TITLE OF INVENTION: ANIMAL MODELS AND METHODS FOR ANALYSIS  
7 OF LIPID METABOLISM AND SCREENING OF PHARMACEUTICAL AND  
8 PESTICIDAL AGENTS THAT MODULATE LIPID METABOLISM  
9 <130> FILE REFERENCE: 7326-101  
10 <140> CURRENT APPLICATION NUMBER: US/09/332,522  
11 <141> CURRENT FILING DATE: 1999-06-14  
12 <160> NUMBER OF SEQ ID NOS: 93  
13 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
14 <210> SEQ ID NO 1  
15 <211> LENGTH: 3419  
16 <212> TYPE: DNA  
17 <213> ORGANISM: C. elegans  
18 <400> SEQUENCE: 1  
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21 cgctcgattt tgacatggag cacaactggc aagagcccgg accatcacaa caaccggatc 180  
22 catcaattcc cggaaatcaa cacagtcgcg cacaggaata ttatgatatt gatggtcaac 240  
23 gagacgtaag caccttacac tcctgtctca accacaacaa cgacgacttc ttctcaatgc 300  
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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/332,522

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&lt;212&gt; TYPE: PRT

&lt;213&gt; ORGANISM: C. elegans

&lt;220&gt; FEATURE:

&lt;221&gt; NAME/KEY: SITE

&lt;222&gt; LOCATION: (1074)...(1074)

&lt;223&gt; OTHER INFORMATION: Xaa=unknown amino acid

&lt;400&gt; SEQUENCE: 2

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88      20              25              30
89      Pro Leu Asp Phe Asp Met Glu His Asn Trp Gln Glu Pro Gly Pro Ser
90      35              40              45
91      Gln Gln Pro Asp Pro Ser Ile Pro Gly Asn Gln His Ser Pro Pro Gln
92      50              55              60
93      Glu Tyr Tyr Asp Ile Asp Gly Gln Arg Asp Val Ser Thr Leu His Ser
94      65              70              75              80

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Arg is at location 1074; Xaa is at location 1073

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DATE: 01/18/2000  
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100                      115                      120                      125
101     Thr Ser Pro Pro Ser Gly Gly Tyr Pro Pro Ala Asp Ala Tyr Arg Pro
102                      130                      135                      140
103     Leu Ser Leu Ala Gln Gln Leu Ala Ala Pro Ala Met Thr Pro His Gln
104     145                      150                      155                      160
105     Ala Ala Ser Leu Phe Val Asn Thr Asn Gly Ile Asp Gln Lys Asn Phe
106                      165                      170                      175
107     Thr His Ala Met Leu Ser Ser Pro His His Thr Ser Met Thr Ser Gln
108                      180                      185                      190
109     Pro Tyr Thr Glu Ala Met Gly His Ile Asn Gly Tyr Met Ser Pro Tyr
110                      195                      200                      205
111     Asp Gln Ala Gln Gly Pro Ser Gly Pro Ser Tyr Tyr Ser Gln His His
112                      210                      215                      220
113     Gln Ser Pro Pro Pro His His His His His His Pro Met Pro Lys Ile
114     225                      230                      235                      240
115     His Glu Asn Pro Glu Gln Val Ala Ser Pro Ser Ile Glu Asp Ala Pro
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122                      290                      295                      300
123     Thr Asn Gly Pro Ser Arg Ser Lys Glu Lys Ala Ala Lys Ile Val Ile
124     305                      310                      315                      320
125     Gln Glu Thr Ala Glu Gly Asp Glu Asp Glu Asp Asp Glu Asp Ser Asp
126                      325                      330                      335
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128                      340                      345                      350
129     Lys Thr Glu Arg Arg Thr Ala His Asn Leu Ile Glu Lys Lys Tyr Arg
130                      355                      360                      365
131     Cys Ser Ile Asn Asp Arg Ile Gln Gln Leu Lys Val Leu Leu Cys Gly
132                      370                      375                      380
133     Asp Glu Ala Lys Leu Ser Lys Ser Ala Thr Leu Arg Arg Ala Ile Glu
134     385                      390                      395                      400
135     His Ile Glu Glu Val Glu His Glu Asn Gln Val Leu Lys His His Val
136                      405                      410                      415
137     Glu Gln Met Arg Lys Thr Leu Gln Asn Arg Arg Leu Pro Tyr Pro Glu
138                      420                      425                      430
139     Pro Ile Gln Tyr Thr Glu Tyr Ser Ala Arg Ser Pro Val Glu Ser Ser
140                      435                      440                      445
141     Pro Ser Pro Pro Arg Asn Glu Arg Lys Arg Ser Arg Met Ser Thr Thr
142                      450                      455                      460
143     Thr Pro Met Lys Asn Gly Thr Arg Asp Gly Ser Ser Lys Val Thr Leu
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RAW SEQUENCE LISTING  
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Input Set: I332522.RAW

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148				500					505					510		
149	Ser	Pro	Phe	Glu	His	Gly	Arg	Val	Ile	Asp	Asp	Pro	Asp	Gly	Thr	Ser
150			515					520					525			
151	Thr	Arg	Thr	Leu	Phe	Trp	Glu	Gly	Ser	Ile	Ile	Asn	Met	Ser	Tyr	Val
152		530					535					540				
153	Trp	Val	Phe	Asn	Ile	Leu	Met	Ile	Ile	Tyr	Val	Val	Val	Lys	Leu	Leu
154	545				550					555					560	
155	Ile	His	Gly	Asp	Pro	Val	Gln	Asp	Phe	Met	Ser	Val	Ser	Trp	Gln	Thr
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158			580						585					590		
159	Leu	Lys	Asp	Ala	Gln	Arg	Lys	Phe	Cys	Glu	Cys	Leu	Ala	Thr	Leu	Asp
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162		610					615					620				
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164	625				630					635					640	
165	Ala	Arg	Arg	Arg	Arg	Ser	Thr	Thr	Lys	Pro	Val	Ser	Val	Val	Cys	Arg
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185	Glu	Gln	Leu	Ser	Pro	Leu	Ala	Arg	Ile	Arg	Thr	Thr	Leu	Lys	Val	Tyr
186				805					810					815		
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188			820					825					830			
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190		835					840					845				
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RAW SEQUENCE LISTING  
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DATE: 01/18/2000  
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Input Set: I332522.RAW

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 196 885 890 895  
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 198 900 905 910  
 199 Ala Arg Gln His Tyr Ser Leu Ile Arg Asn Cys Pro Pro Lys Ile Leu  
 200 915 920 925  
 201 Thr Asp Asn Leu Gly Leu Ala Val Gly His Ala Leu Cys Ala Arg Lys  
 202 930 935 940  
 203 Ile Cys Ile Asp Asp Arg Asp Ser Pro Lys Val Ser Gln Tyr Val Cys  
 204 945 950 955 960  
 205 Ile His Thr Lys Lys Ser Leu Glu Ser Leu Arg Leu Phe Ser Thr Ser  
 206 965 970 975  
 207 Ser Arg Ala Ser Gly Val Val Ser Gly Ile Gln Glu Gly Thr Arg Arg  
 208 980 985 990  
 209 Met Ala Tyr Glu Trp Ile Met Asn Ser Leu Leu Asp Ala Trp Arg Ser  
 210 995 1000 1005  
 211 Asn Leu Phe Ala Ser Lys Pro Tyr Trp Thr Gln Ser Phe Lys Gly Gln  
 212 1010 1015 1020  
 213 Ser Thr Phe Ser Thr Leu Tyr Gln Glu Ala Tyr Asn His Tyr Ala Ile  
 214 1025 1030 1035 1040  
 215 Ile Asn Gly Thr Arg Gly Asp Cys Trp Arg Leu Phe Val Tyr Glu Leu  
 216 1045 1050 1055  
 217 Thr Cys Arg Met Leu Asn Gly Ala Asn Pro Gln Ala Thr Trp Ser Gly  
 218 1060 1065 1070  
 W--> 219 Xaa Arg Arg Val Arg Ser Thr Lys Met Asp Ala Val Arg Gly Arg Val  
 220 1075 1080 1085  
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 227 <212> TYPE: DNA  
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 232 cgcaagtgac gtccagcaac cggaggaccc ccaactgtag aatccgcac accatcctaa 180  
 233 tcccaacaaa ccaatgacat cttgagacct caccageccat ggatcccttc gtgttcttca 240  
 234 tagtactggc atcgctttat ggcgttcttt actttttcga ccgcttcttc aagagttgca 300  
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**VERIFICATION SUMMARY**  
PATENT APPLICATION US/09/332,522

DATE: 01/18/2000  
TIME: 15:27:32

Input Set: I332522.RAW

Line	Error/Warning	Original Text
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